CLAIM AMENDMENTS

Claim Amendment Summary

Claims pending

- Before this Amendment: Claims 1-48.
- After this Amendment: Claims 1, 3-15, 19-23, 27-33, 36-39, and 42-48

Non-Elected, Canceled, or Withdrawn claims: 2, 16-18, 24-26, 34-35, and 40-41

Amended claims: 1, 7, 15, 23, 33, 36-39, 42-46, and 48

New claims: none

Claims:

1. **(Currently Amended)** A method of tuning ~~an information presentation appliance in an inter-appliance communication network,~~ comprising:

facilitating in an inter-appliance communication network configuring at least one of a plurality of information presentation appliances which were defined as Universal Plug and Play (UPnP) compliant devices to act as control points, wherein a UPnP device advertises its abilities and is controlled by a control point, while a control point listens or searches for devices it is capable of controlling and exerts control over those devices, wherein at least one of the plurality of information presentation appliances facilitates disparate types of presentations, wherein disparate types of presentations include audio and still images, wherein the information presentation appliance is selected from the

group comprising an electronic picture frame or a speaker;

receiving user input via the at least one of the plurality of information presentation appliances, wherein user input comprises:

selecting at least one category of information to be presented on the appliance, wherein the at least one category comprises user-defined keywords and blocked keywords created and entered by the user to further specify the category selection and aid in identifying the category if there is no match to the category selection within the inter-appliance communication network;

~~receiving user input~~ specifying at least one user-defined blocked keyword to further identify categories that are not to be presented on the appliance; ~~, and to specify~~

specifying information to be blocked from presentation on the appliance if the information contains the user-defined blocked keyword;

creating a device description page using a markup language;

storing data representing the categories of information specified by the user and the user-defined keyword entered by the user in the device description page; and

transmitting the device description page with the data representing the categories of information and the user-defined and created ~~keyword~~ keywords from the at least one of the plurality of information presentation appliances [[a]] via the inter-appliance communication network.

2. (Canceled)

3. (Original) The method of claim 1 wherein the markup language is text-based.

4. **(Original)** The method of claim 1 wherein the markup language identifies an element with a tag, and wherein the tag is defined in a schema.

5. **(Previously Presented)** The method of claim 1 wherein information blocked from presentation on the information presentation appliance is audio information.

6. **(Previously Presented)** The method of claim 1 wherein information blocked from presentation on the information presentation appliance is video information.

7. **(Currently Amended)** A method of tuning at least one of a plurality of [[an]] information presentation appliances ~~appliance~~ in an inter-appliance communication network, comprising:

facilitating configuring at least one of the plurality of information presentation appliances which formerly only acted as a device to act as a control point, wherein at least on of the plurality of information presentation appliances facilitates disparate types of presentations, wherein disparate types of presentations include audio and still images, wherein the information presentation appliance is selected from the group comprising an electronic picture frame or a speaker;

receiving a device description page written in a markup language;

parsing the device description page to identify available categories of information;

presenting the available categories of information to a user;

receiving user input via at least one of the plurality of information presentation appliances ~~appliance~~ , wherein user input comprises:

selecting at least one category of information to be presented on the appliances ~~appliance~~, wherein at least one category comprises user-defined keywords and blocked keywords created and entered by the user to further specify the category selection and aid in identifying the category if there is no match to the category selection within the communication network;

~~receiving user input at the information presentation appliance~~ specifying selected categories of information to be blocked from presentation on the information presentation appliance;

~~receiving further user input at the information presentation appliance~~ specifying at least one user-defined blocked keyword that indicates information to be blocked from presentation on the appliance if the information contains the user-defined blocked keyword; and

invoking a deliver function referenced by a service description page to receive an element of information belonging to a category other than the selected categories of information, wherein the deliver function facilitates delivery of the element of information that is context and/or location specific.

8. **(Original)** The method of claim 7 wherein the information presentation appliance conforms to a Universal Plug and Play control point architecture.

9. **(Original)** The method of claim 7 wherein the markup language is text-based.

10. **(Previously Presented)** The method of claim 7 wherein information blocked from presentation on the information presentation appliance is audio information.

11. **(Previously Presented)** The method of claim 7 wherein information blocked from presentation on the information presentation appliance is video information.

12. **(Previously Presented)** The method of claim 7 wherein the parsing the device description page to identify the available categories of information comprises:

identifying a service description page pointer to the service description page;

requesting the service description page using the service description page pointer; and

parsing the service description page to identify the available categories of information.

13. **(Original)** The method of claim 12 wherein the parsing the service description page to identify the available categories of information comprises:

identifying a list function pointer to a list function, wherein the list function lists the available categories of information; and

invoking the list function to list the available categories of information using the list function pointer.

14. **(Original)** The method of claim 13 wherein the invoking the list function to list the available categories of information comprises:

receiving a list of identifiers of the available categories of information;

identifying a name function pointer to a name function, wherein the name function provides names for the available categories of information; and

invoking the name function for each identifier in the list of identifiers.

15. **(Currently Amended)** An information presentation appliance in an inter-appliance communication network, comprising:

at least one of a plurality of information presentation appliances which were defined as Universal Plug and Play (UPnP) compliant devices are configured to act as control points, wherein a UPnP device advertises its abilities and is controlled by a

control point, while a control point listens or searches for devices it is capable of controlling and exerts control over those devices, wherein at least one of the plurality of information presentation appliances facilitates disparate types of presentations, wherein disparate types of presentations include audio and still images, wherein the information presentation appliance is selected from the group comprising an electronic picture frame or a speaker

a user input device for enabling a user to specify at least one category of information to be presented on the information presentation appliance, wherein at least one category comprises user-defined keywords and blocked keywords created and entered by the user to further specify the category selection and aid in identifying the category if there is no match to the category selection within the communication network, and wherein

the user input device enables the user to specify categories of information to be blocked from presentation on the information presentation appliance to key-in at least one user-defined blocked keyword that further specifies information to be blocked from presentation on the appliance if the information contains the user-defined keyword, wherein at least one of the categories is associated with the at least one user-defined blocked keyword;

a processing unit for creating a device description page written in a markup language and containing data representing the categories of information and the user-defined keywords and blocked keywords specified by the user through the user input device;

a memory storage for storing the device description page; and

a network connection for transmitting the device description page.

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Original) The information presentation appliance of claim 15 wherein the information presentation appliance is a decoder device.

20. (Original) The information presentation appliance of claim 15 wherein the markup language is text-based.

21. (Original) The information presentation appliance of claim 15 wherein the markup language identifies an element with a tag, and wherein the tag is defined in a schema.

22. **(Original)** The information presentation appliance of claim 15 wherein the categories of information in the device description page are identified with extended tags, and wherein the extended tags are defined in an extended schema.

23. **(Currently Amended)** An information presentation appliance in an inter-appliance communication network, comprising:

a network connection for receiving a device description page written in a markup language;

at least one of a plurality of information presentation appliances which were defined as Universal Plug and Play (UPnP) compliant devices are configured to act as control points, wherein a UPnP device advertises its abilities and is controlled by a control point, while a control point listens or searches for devices it is capable of controlling and exerts control over those devices, wherein at least one of the plurality of information presentation appliances facilitates disparate types of presentations, wherein disparate types of presentations include audio and still images, wherein the information presentation appliance is selected from the group comprising an electronic picture frame or a speaker; the at least one of a plurality of information presentation appliances comprising:

a user input device for receiving user input specifying at least one category of information to be presented on the information presentation appliance, wherein at least one category comprises user-defined keywords and blocked keywords created and entered by the user to further specify the category selection and aid in identifying the category if there is no match to the category selection within the communication network, and wherein

the user input device receives user input specifying selected categories of information to be blocked from presentation on the information presentation appliance and at least one user-defined blocked keyword further specifying information to be blocked from presentation on the information presentation appliance if the information contains the user-defined blocked keyword, wherein at least one of the categories is associated with the at least one user-defined blocked keyword; and

a processing unit for:

parsing the device description page to identify at least one available category of information and at least one user-defined keyword associated with the category; and

invoking a deliver function referenced by a service description page to receive an element of information belonging to a category other than the selected categories of information.

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Previously Presented) The information presentation appliance of claim 23 wherein the information presentation appliance is a decoder device.

28. **(Original)** The information presentation appliance of claim 23 wherein the markup language is text-based.

29. **(Original)** The information presentation appliance of claim 23 wherein the available categories of information include the selected categories of information.

30. **(Previously Presented)** The information presentation appliance of claim 23 wherein parsing the device description page to identify the available categories of information further comprises:

identifying a service description page pointer to the service description page;

requesting the service description page using the service description page pointer; and

parsing the service description page to identify the available categories of information.

31. **(Previously Presented)** The information presentation appliance of claim 30 wherein parsing the service description page to identify the available categories of information further comprises:

identifying a list function pointer to a list function, wherein the list function lists the available categories of information; and

invoking the list function to list the available categories of information using the list function pointer.

32. **(Previously Presented)** The information presentation appliance of claim 31 wherein involving the list function to list the available categories of information further comprises:

receiving a list of identifiers of the available categories of information;

identifying a name function pointer to a name function, wherein the name function provides names for the available categories of information; and

invoking the name function for each identifier in the list of identifiers.

33. **(Currently Amended)** A computer-readable storage medium having computer executable instructions for tuning an information presentation appliance in an inter-appliance communication network, the computer-executable instructions performing a process comprising:

facilitating in an inter-appliance communication network configuring at least one of a plurality of information presentation appliances which were defined as Universal Plug and Play (UPnP) compliant devices to act as control points, wherein a UPnP device advertises its abilities and is controlled by a control point, while a control point listens or searches for devices it is capable of controlling and exerts control over those devices, wherein at least one of the plurality of information presentation appliances facilitates disparate types of presentations, wherein disparate types of presentations include audio and still images, wherein the information presentation appliance is selected from the group comprising an electronic picture frame or a speaker;

receiving user input specifying at least one category of information to be presented on the information presentation appliance, wherein at least one category comprises user-defined keywords and blocked keywords created and entered by the user to further

specify the category selection and aid in identifying the category if there is no match to the category selection within the communication network, and wherein

receiving user input specifies categories of information to be blocked from presentation on the information presentation appliance, wherein at least one of the categories is associated with at least one user-defined blocked keyword entered by a user, and wherein the user-defined blocked keyword further specifies information to be blocked from presentation on the appliance if the information contains the user-defined blocked keyword;

creating a device description page using a markup language;

storing data representing the categories of information and the user-defined keywords and blocked keywords entered by the user in the device description page; and

transmitting the device description page with the categories of information through a network.

34. (Canceled)

35. (Canceled)

36. (Currently Amended) The computer-readable storage medium of claim 33 wherein the markup language is text-based.

37. (Currently Amended) The computer-readable storage medium of claim 33 wherein the markup language identifies an element with a tag, and wherein the tag is defined in a schema.

38. **(Currently Amended)** The computer-readable storage medium of claim 33 wherein the categories of information in the device description page are identified with extended tags, and wherein the extended tags are defined in an extended schema.

39. **(Currently Amended)** A computer-readable storage medium having computer-executable instructions for tuning an information presentation appliance in an inter-appliance communication network, the computer-executable instructions performing a process comprising:

receiving a device description page written in a markup language;

parsing the device description page to identify available categories of information;

presenting the available categories of information to a user;

facilitating in an inter-appliance communication network configuring at least one of a plurality of information presentation appliances which were defined as Universal Plug and Play (UPnP) compliant devices to act as control points, wherein a UPnP device advertises its abilities and is controlled by a control point, while a control point listens or searches for devices it is capable of controlling and exerts control over those devices, wherein at least one of the plurality of information presentation appliances facilitates disparate types of presentations, wherein disparate types of presentations include audio and still images, wherein the information presentation appliance is selected from the group comprising an electronic picture frame or a speaker;

receiving user input via the at least one of the plurality of information presentation appliances, wherein user input comprises:

receiving user input at the information presentation appliance specifying at least one category of information to be presented on the information presentation appliance, wherein at least one category comprises user-defined keywords and blocked keywords created and entered by the user to further specify the category selection and aid in identifying the category if there is no match to the category selection within the communication network;

receiving user input at the information presentation appliance specifying selected categories of information to be blocked from presentation on the information presentation appliance;

receiving further user input at the information presentation appliance specifying at least one user-defined blocked keyword that indicates information to be blocked from presentation on the appliance if the information contains the user-defined blocked keyword; and

invoking a deliver function referenced by a service description page to receive an element of information belonging to a category other than the selected categories of information.

40. (Canceled).

41. (Canceled)

42. (Currently Amended) The computer-readable storage medium of claim 39 wherein the markup language is text-based.

43. **(Currently Amended)** The computer-readable storage medium of claim 39 wherein the available categories of information include the selected categories of information.

44. **(Currently Amended)** The computer-readable storage medium of claim 39 wherein the parsing the device description page to identify the available categories of information comprises:

identifying a service description page pointer to the service description page;

requesting the service description page using the service description page pointer; and

parsing the service description page to identify the available categories of information.

45. **(Currently Amended)** The computer-readable storage medium of claim 44 wherein the parsing the service description page to identify the available categories of information comprises:

identifying a list function pointer to a list function, wherein the list function lists the available categories of information; and

invoking the list function to list the available categories of information using the list function pointer.

46. **(Currently Amended)** The computer-readable storage medium of claim 45 wherein the invoking the list function to list the available categories of information comprises:

receiving a list of identifiers of the available categories of information;

identifying a name function pointer to a name function, wherein the name function provides names for the available categories of information; and

invoking the name function for each identifier in the list of identifiers.

47. **(Previously Presented)** The method of claim 1 wherein the receiving user input is at the information presentation appliance.

48. **(Currently Amended)** The computer-readable storage medium of claim 33 wherein the receiving user input is at the information presentation appliance.